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DATE: Wednesday, August 03, 2005

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☐ 1. Document ID: US 20040044079 A1

Using default format because multiple data bases are involved.

L4: Entry 1 of 10

File: PGPB

Mar 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040044079

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040044079 A1

TITLE: Methods and compositions for weight control

PUBLICATION-DATE: March 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sunvold, Gregory Dean	Eaton	OH	US	
Vickers, Robert Jason	Dayton	OH	US	
Kelm, Gary Robert	Cincinnati	OH	US	
Giovengo, Susan Liew	Mason	OH	US	
Meller, Steven Trevor	Loveland	OH	US	

US-CL-CURRENT: 514/560; 424/442, 514/558

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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✓ ☐ 2. Document ID: JP 08198769 A

L4: Entry 2 of 10

File: JPAB

Aug 6, 1996

PUB-NO: JP408198769A

DOCUMENT-IDENTIFIER: JP 08198769 A

TITLE: EXCESSIVE NUTRITION ABSORPTION INHIBITOR AND COMPOSITION CONTAINING THE SAME

PUBN-DATE: August 6, 1996

INVENTOR-INFORMATION:

NAME	COUNTRY
NISHIMURA, KEIICHI	
YAMAMOTO, MAKOTO	

INT-CL (IPC): A61 K 35/78; A61 K 35/78; A61 K 35/78; A23 L 1/30; A23 L 1/30

ABSTRACT:

PURPOSE: To obtain an excessive nutrition absorption inhibitor which comprises Chinese drugs (SEINETSU-YAKU) which can lower the fever caused by infectious diseases and is useful for prevention and improvement in obesity.

CONSTITUTION: Chinese drugs in the category of so-called 'SEINETSU-YAKU' such as *Lonicera japonica*, *Nelumbo nucifera* and the like are used in amounts of 1-50wt.%, preferably 1-20wt.% to give this inhibitor. Additionally, other arbitrary components are admixed thereto in appropriate amounts to produce a food composition or a medicinal composition. This drug composition can inhibit the absorption of an excessive food calories to prevent and improve accumulation of fat or obesity and hyperlipemia. The essence of plant bodies is prepared by extracting the plant bodies directly, or after drying and/or crashing with a polar solvent such as ethanol in an amount of 1-100 times the plant volume at room temperature to the solvent-boiling point. The dose of the inhibitor is 100-100,000mg/day and it is given in several portions.

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Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draws	De
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☐ 3. Document ID: WO 2004021799 A1

L4: Entry 3 of 10

File: EPAB

Mar 18, 2004

PUB-NO: WO2004021799A1

DOCUMENT-IDENTIFIER: WO 2004021799 A1

TITLE: METHODS AND COMPOSITIONS FOR WEIGHT CONTROL

PUBN-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME

COUNTRY

SUNVOLD, GREGORY DEAN

VICKERS, ROBERT JASON

KELM, GARY ROBERT

GIOVENGO, SUSAN LIEW

MELLER, STEVEN TREVOR

INT-CL (IPC): A23 K 1/16; A23 K 1/18; A23 L 1/30

EUR-CL (EPC): A23K001/16; A23K001/16, A23K001/18 , A23L001/30 , A23L001/30

ABSTRACT:

CHG DATE=20040330 STATUS=O>Disclosed herein are methods of promoting weight control in a companion animal comprising orally administering one or more non-glyceryl derivatives of C17 or greater fatty acids. Also disclosed are methods for promoting weight control in a human comprising orally administering non-glyceryl derivatives of C17 or greater fatty acids, wherein the fatty acid derivatives do not cause the human to reduce food consumption. Further disclosed are methods for promoting weight control in a human or companion animal comprising orally administering lotus leaf extract. Further disclosed are dietary compositions for promoting weight control in a companion animal., wherein such compositions comprise one or more of

the non-glyceryl derivatives of C17 or greater fatty acids and the lotus leaf extract.

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMC	Draw De
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☐ 4. Document ID: CN 1481736 A

L4: Entry 4 of 10

File: DWPI

Mar 17, 2004

DERWENT-ACC-NO: 2004-391641

DERWENT-WEEK: 200437

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TITLE: Healthcare beverage for treating hyperlipemia, high blood viscosity, atherosclerosis, coronary heart disease, thrombus, obesity and diabetes and preventing cancer

INVENTOR: GAO, S

PRIORITY-DATA: 2003CN-0153559 (August 18, 2003)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
CN 1481736 A	March 17, 2004		000	A23L002/38

INT-CL (IPC): A23 L 2/38; A23 L 2/39; A61 K 35/78

ABSTRACTED-PUB-NO: CN 1481736A

BASIC-ABSTRACT:

NOVELTY - Beverages for treating hyperlipemia, high blood viscosity, atherosclerosis, coronary heart disease, thrombus, obesity and diabetes and preventing cancer. The beverages are produced with 20 kinds of medicated food materials, including glossy ganoderma, honeysuckle, haw, lotus leaf, astragalus root, etc. They have the functions of regulating lipid metabolism, lowering blood fat, lowering blood viscosity, preventing thrombus and coronary heart disease, preventing atherosclerosis and reducing weight, and has good taste and no side effect.

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMC	Draw De
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☐ 5. Document ID: EP 1542544 A1, US 20040044079 A1, WO 2004021799 A1, AU 2003263058 A1

L4: Entry 5 of 10

File: DWPI

Jun 22, 2005

DERWENT-ACC-NO: 2004-256789

DERWENT-WEEK: 200541

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TITLE: Promotion of weight control in humans or companion animals e.g. cats or

dogs, comprises the use of non-glyceryl fatty acid derivative or lotus leaf extract

INVENTOR: GIOVENGO, S L; KELM, G R ; MELLER, S T ; SUNVOLD, G D ; VICKERS, R J

PRIORITY-DATA: 2002US-408170P (September 4, 2002), 2003US-0654329 (September 3, 2003)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>EP 1542544 A1</u>	June 22, 2005	E	000	A23K001/16
<u>US 20040044079 A1</u>	March 4, 2004		012	A61K031/202
<u>WO 2004021799 A1</u>	March 18, 2004	E	000	A23K001/16
<u>AU 2003263058 A1</u>	March 29, 2004		000	A23K001/16

INT-CL (IPC): A23 K 1/16; A23 K 1/165; A23 K 1/17; A23 K 1/18; A23 L 1/30; A61 K 31/202

ABSTRACTED-PUB-NO: US20040044079A

BASIC-ABSTRACT:

NOVELTY - Promotion of weight control in humans or companion animals, comprising administering at least 1 non-glyceryl fatty acid derivative (I) of a fatty acid containing at least 17 carbon atoms or lotus leaf extract, is new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for dietary composition (C1) or (C2) comprising (wt.% on a dry matter basis):

(a) at least one non-glyceryl derivative of at least 17 carbon containing optionally monounsaturated fatty acids (II) (at least 0.5, preferably 1 - 13), protein (15 - 55) and dietary fat (9 - 35); or

(b) lotus leaf extract (at least 0.05, preferably 0.1 - 2) respectively.

ACTIVITY - Anorectic.

A group of test dogs were fed with a diet containing (%) protein (19), fat (10), poultry fat (3), and lotus leaf extract (0.3). The control dogs were fed without the lotus leaf extract. The results for the test/control dogs were: fat content = - 24.21/-18.73% and lean body mass = 14.86/12.28% respectively.

MECHANISM OF ACTION - None given.

USE - The composition is used for promoting weight control in a human or a companion animal (e.g. dogs and/or cats) (claimed).

ADVANTAGE - The composition (I) does not cause the companion animal to reduce food consumption. The composition containing the lotus leaf extract promotes a decrease or maintenance of fat and increase or maintenance of lean body mass in human and companion animal. The avoidance of the reduction in the food consumption, avoids inadequate food intake, and thus the subsequent increase in the risk of diseases such as cancer, cardiovascular disease and arthritis. The lotus leaf extract results in weight loss or reduction in weight gain when used in combination with a low-fat or normal-fat content diet, suitable for humans and companion animals feeding on low-fat diet for weight control. The fatty acids can be ingested while avoiding the cost, inconvenience and discomfort of infusion into the intestine. The at least 17C fatty acids are more abundant in the nature than the 12-15C fatty acids.

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 6. Document ID: CN 1269157 A

L4: Entry 6 of 10

File: DWPI

Oct 11, 2000

DERWENT-ACC-NO: 2001-050496

DERWENT-WEEK: 200107

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TITLE: Slimming noodles and the production process

INVENTOR: CHEN, J

PRIORITY-DATA: 1999CN-0103842 (March 25, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
CN 1269157 A	October 11, 2000		000	A23L001/16

INT-CL (IPC): A23 L 1/16; A61 K 35/78

ABSTRACTED-PUB-NO: CN 1269157A

BASIC-ABSTRACT:

NOVELTY - The present invention relates to a weight-reducing and fat-lowering food-body-building weight-reducing vermicelli, and its composition is formed from 16 Chinese medicinal materials of lotus leaf, prunella spike, phellodendron bark, plantago, chaenomeles fruit, atractylodes root, cinnamon twig, achyranthes root, astragalus root, bushy knotweed root, poria, coix seed and licorice, etc. and high-quality flour, rice bean flour, edible salt and soda, and its medicinal material source is extensive, it is convenient for eating, has no side effect and can obtain obvious therapeutic effect, and is suitable for various patients with obesity.

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 7. Document ID: CN 1253818 A

L4: Entry 7 of 10

File: DWPI

May 24, 2000

DERWENT-ACC-NO: 2000-483357

DERWENT-WEEK: 200043

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TITLE: Weight-reducing lozenge and its preparation method

INVENTOR: TU, C

PRIORITY-DATA: 1999CN-0117752 (August 3, 1999)

PATENT-FAMILY: